

Memorandum

To: File 536

From: Ron Lehman, O&M Superintendent

Date: January 24, 2001

Re: Platte River Ice Thickness Measurements Along Union Dike

On January 24, 2001, Jason Schnell and the writer took ice thickness measurements on the Platte River. The measurements were taken perpendicular to the river flow, near the dike on the Werner Property, at approximately Station 197+24 (1.9 miles upstream of Highway 64).

A gas powered auger was used to drill the holes. The location of the holes on the table below are measured (stepped off) from the east bank of the Platte River.

| Distance From East Bank (Feet) | Ice Thickness (Inches) | Depth From Top Of Ice To River Bed (Inches) |
|--------------------------------------|---------------------------|---|
| 36 | 17.0 | 44.0 |
| 136 | 17.5 | 28.0 |
| 286 | 13.5 | 16.0 |
| 436 | 18.0 | 37.0 |
| 586 | 16.0 | 36.0 |
| 786 | 16.0 | 30.0 |
| *936 | 12.5 | 29.0 |

*This hole is located about 100 feet from the west bank of the river.

cc: Steve Oltmans, Marlin Petermann, Martin Cleveland, P-MRNRD
Cindy Newsham, NEMA
Brian Dunnigan, NDNR
Jeff Reese, NWS
Janelle Mavis, COE

PLATTE RIVER: STA. 197+24, Union Dike (1.9 miles upstream of Hwy. 64)

(Near the Werner Property)

